

Title (en)  
HIGH DENSITY LED ARRAY

Title (de)  
HOCHDICHTES LED-ARRAY

Title (fr)  
RESEAU DE DIODES ELECTROLUMINESCENTES HAUTE DENSITE

Publication  
**EP 1756876 A4 20090107 (EN)**

Application  
**EP 05734339 A 20050412**

Priority  
• US 2005012608 W 20050412  
• US 56177104 P 20040412

Abstract (en)  
[origin: WO2005101535A2] A dense array of semiconductor devices having an array of micro-reflectors, the micro-reflectors having characteristics that enhance dense packing of the array in balance with collection and collimation of the array's radiant output.

IPC 8 full level  
**F21K 99/00** (2010.01); **H01L 25/075** (2006.01); **H01L 33/60** (2010.01); **H01L 33/64** (2010.01)

CPC (source: EP US)  
**F21K 9/00** (2013.01 - EP US); **H01L 25/0753** (2013.01 - EP US); **H01L 33/60** (2013.01 - EP US); **H01L 33/644** (2013.01 - EP US);  
**H01L 33/648** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US)

C-Set (source: EP US)  
**H01L 2924/0002 + H01L 2924/00**

Citation (search report)  
• [XAY] EP 0127239 A1 19841205 - RADIOTECHNIQUE COMPELEC [FR], et al  
• [XA] US 6367950 B1 20020409 - YAMADA TETSUO [JP], et al  
• [X] EP 0326668 A2 19890809 - STANLEY ELECTRIC CO LTD [JP]  
• [XA] US 6527411 B1 20030304 - SAYERS EDWIN MITCHELL [US]  
• [X] DE 2941634 A1 19800430 - STANLEY ELECTRIC CO LTD  
• [Y] WO 03096387 A2 20031120 - PHOSEON TECHNOLOGY INC [US], et al  
• See also references of WO 2005101535A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005101535 A2 20051027; WO 2005101535 A3 20070405**; AT E503963 T1 20110415; DE 602005027201 D1 20110512;  
DK 1756876 T3 20110718; EP 1756876 A2 20070228; EP 1756876 A4 20090107; EP 1756876 B1 20110330; ES 2363435 T3 20110804;  
PL 1756876 T3 20111031; PT 1756876 E 20110602; US 2005247947 A1 20051110; US 2007051964 A1 20070308; US 7071493 B2 20060704

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**US 2005012608 W 20050412**; AT 05734339 T 20050412; DE 602005027201 T 20050412; DK 05734339 T 20050412; EP 05734339 A 20050412;  
ES 05734339 T 20050412; PL 05734339 T 20050412; PT 05734339 T 20050412; US 10495405 A 20050412; US 43454406 A 20060512